

## BAB IX KESIMPULAN

1. Berdasarkan analisa faktor teknis dan faktor ekonomi, unit pengolahan Bumbu Tabur Telur Asin “*Magic*” yang direncanakan ini layak untuk didirikan dan direalisasikan. Berikut uraian Perencanaan.

Bentuk perusahaan	: Usaha perseorangan
Lokasi	: Jalan Raya Ketimang, Sidoarjo
Waktu operasi	: Senin-Jumat (16 jam) Sabtu (5 jam)
Kapasitas produksi	: 6511 kemasan/hari
Jumlah tenaga kerja	: 62 (enam puluh dua) orang
<i>Total Capital Investment</i> (TCI)	: Rp 8.567.092.384,75
<i>Total Production Cost</i> (TPC)	: Rp 16.419.347.765,15
<i>Manufacturing Cost</i> (MC)	: Rp 15.105.799.943,93
<i>General Expense</i> (GE)	: Rp 1.313.547.821,21
Harga Pokok Produksi (HPP)	: Rp 10.507,44
<i>Selling Cost</i> (SC) /Tahun	: Rp 19.533.000.000,00
Laba kotor/tahun	: Rp 3.113.652.234,85
Laba bersih/tahun	: Rp 2.241.829.609,10
MARR	: 11,50%
<i>Rate of Return</i> (ROR)	
– Sebelum pajak	: 36,34 %
– Sesudah pajak	: 26,17%
<i>Pay Out Period</i> (POP)	
– Sebelum pajak	: 2,33 tahun
– Setelah pajak	: 3,05 tahun
<i>Break Event Point</i> (BEP)	: 50,03%

## DAFTAR PUSTAKA

- Alibaba. 2018a. *1-5kg auger dosing milk coffee protein juice banana flour packaging machine / smei auto powder packaging machine* . [https://www.alibaba.com/product-detail/1-5kg-auger-dosing-milk-coffee\\_60740622193.html?spm=a2700.7735675.normalList.11.6uzE8G&s=p](https://www.alibaba.com/product-detail/1-5kg-auger-dosing-milk-coffee_60740622193.html?spm=a2700.7735675.normalList.11.6uzE8G&s=p) (19 Desember 2018)
- Alibaba. 2018b. *200l Hdpe 55 Galon Plastik Drum besar Terbuka Makanan Kelas Atas*. <https://indonesian.alibaba.com/product-detail/200l-hdpe-55-gallon-plastic-drum-big-open-top-food-grade-60638802564.html> (21 Desember 2018).
- Alibaba. 2018c. *BEST PRICE fruit blender machine/industrial blender price*. [https://www.alibaba.com/product-detail/BEST-PRICE-fruit-blender-machine-industrial\\_60424469735.html?spm=a2700.7724838.2017115.58.14fb2ba3lh3YSD](https://www.alibaba.com/product-detail/BEST-PRICE-fruit-blender-machine-industrial_60424469735.html?spm=a2700.7724838.2017115.58.14fb2ba3lh3YSD) (20 Desember 2018).
- Alibaba. 2018d. *Chilli Salt Crushing Milling Equipment Tobacco Grinding Machine*. [https://www.alibaba.com/product-detail/Chilli-Salt-Crushing-Milling-Equipment-Tobacco\\_60552900456.html](https://www.alibaba.com/product-detail/Chilli-Salt-Crushing-Milling-Equipment-Tobacco_60552900456.html) (19 Desember 2018).
- Alibaba. 2018e. *Double door Rack Rotary Oven for baking industry*. [https://www.alibaba.com/product-detail/Double-door-Rack-Rotary-Oven-for\\_60251950421.html](https://www.alibaba.com/product-detail/Double-door-Rack-Rotary-Oven-for_60251950421.html) (20 Desember 2018).
- Alibaba. 2018f. *HENTO Factory Direct Sale Egg Washing Machine / Commercial Egg Washing Machine*. [https://www.alibaba.com/product-detail/HENTO-Factory-Direct-Sale-Egg-Washing\\_60756963311.html](https://www.alibaba.com/product-detail/HENTO-Factory-Direct-Sale-Egg-Washing_60756963311.html) (19 Desember 2018).
- Alibaba. 2018g. *Industrial automatic sauce jam paste fillings nougat candy stir fry pot*. [https://www.alibaba.com/product-detail/Industrial-automatic-sauce-jam-paste-fillings\\_60712371767.html?spm=a2700.galleryofferlist.normalList.7.7.221e3b23I6R0n2&s=p](https://www.alibaba.com/product-detail/Industrial-automatic-sauce-jam-paste-fillings_60712371767.html?spm=a2700.galleryofferlist.normalList.7.7.221e3b23I6R0n2&s=p) (19 Desember 2018).

- Alibaba. 2018h. *LMM GROUP egg belt conveyor with hyper tape colorful plastic belts electric conveyor belt*. [https://www.alibaba.com/product-detail/LMM-GROUP-egg-belt-conveyor-with\\_60636727366.html](https://www.alibaba.com/product-detail/LMM-GROUP-egg-belt-conveyor-with_60636727366.html) (3 Januari 2019).
- Aries and Newton. 1995. *Chemical Engineering Cost Estimation*. NewYork: Mc. Graw Hill Book Company.
- Badan Ketahanan Pangan dan Pusat Informasi Jagung. 2013. *Potensi Agrikultur Jagung*. Gorontalo: BKPPIJ.
- Badan Standarisasi Nasional. 2010. *SNI 01-3556-2010. Garam Konsumsi Beryodium*. Jakarta: Badan Standarisasi [infolpk.bsn.go.id/index.php/?sni\\_main/sni/detail\\_sni/11011](http://infolpk.bsn.go.id/index.php/?sni_main/sni/detail_sni/11011) (diakses pada 11 Desember 2018).
- Badan Standarisasi Nasional. 1996. *SNI 01-4277-1996. Syarat Mutu Telur Asin*. Jakarta: Badan Standarisasi Nasional. *Telur Asin*. <https://dokumen.tips/documents/sni-01-4277-1996-telur-asin.html> (diakses pada 11 Desember 2018).
- Bukalapak. 2018a. *Hand Trolley Gagang Fixed 300 Kg Prestar Jepang NF 302-Mr Derry* 2018. [https://www.bukalapak.com/p/industrial/tools/qaqytc-jual-hand-trolley-gagang-fixed-300-kg-prestar-jepang-nf-302-mr-derry-2018?blca=SEUSC-TESTC&blpt=SEUSC-TESTC&gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4tDBCeOulbvhe dTsh58b2ApnXFVdSuq8rSSVGqzKEvQI5ujdrU\\_bXR0cONcQAvD\\_BwE](https://www.bukalapak.com/p/industrial/tools/qaqytc-jual-hand-trolley-gagang-fixed-300-kg-prestar-jepang-nf-302-mr-derry-2018?blca=SEUSC-TESTC&blpt=SEUSC-TESTC&gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4tDBCeOulbvhe dTsh58b2ApnXFVdSuq8rSSVGqzKEvQI5ujdrU_bXR0cONcQAvD_BwE) (21 Desember 2018).
- Bukalapak. 2018b. *Hot Sale Ember Gagang Plastik Lion Star 4 Galon*. [https://www.bukalapak.com/p/rumah-tangga/kamar-mandi/zvt1c6-jual-hot-sale-ember-gagang-plastik-lion-star-4-galon?from=list-product&product\\_owner=normal\\_seller&search%5Bkeywords%5D=ember%20gagang%20plastik%20lion%20star%204%20galon](https://www.bukalapak.com/p/rumah-tangga/kamar-mandi/zvt1c6-jual-hot-sale-ember-gagang-plastik-lion-star-4-galon?from=list-product&product_owner=normal_seller&search%5Bkeywords%5D=ember%20gagang%20plastik%20lion%20star%204%20galon) (21 Desember 2018).

- Bukalapak. 2018c. *Sendok Makan Stainless 18 Cm/ Dinner Spoon Tebal Standard Hotel & Cafe*. [https://www.bukalapak.com/p/rumah-tangga/ruang-makan/51yuk5-jual-sendok-makan-stainless-18-cm-dinner-spoon-tebal-standard-hotel-cafe?blca=SESHO-SHPRT&blpt=SESHO-SHPRT&gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4g-zl7wOm\\_q\\_ar3qIM7xNg\\_hdoAPbPuian0idbPsvXrkUgiANP8Z0ARoCVKUQAvD\\_BwE&kpid=go\\_992207883\\_47246373577\\_234395164217\\_pla-580014101014\\_c&sho=47246373577\\_lo3\\_992207883\\_c\\_1007715\\_g\\_pla-580014101014](https://www.bukalapak.com/p/rumah-tangga/ruang-makan/51yuk5-jual-sendok-makan-stainless-18-cm-dinner-spoon-tebal-standard-hotel-cafe?blca=SESHO-SHPRT&blpt=SESHO-SHPRT&gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4g-zl7wOm_q_ar3qIM7xNg_hdoAPbPuian0idbPsvXrkUgiANP8Z0ARoCVKUQAvD_BwE&kpid=go_992207883_47246373577_234395164217_pla-580014101014_c&sho=47246373577_lo3_992207883_c_1007715_g_pla-580014101014) (21 Desember 2018).
- Bukalapak. 2018d. *Tempat Sampah Roda 240 Liter*. <https://www.bukalapak.com/p/rumah-tangga/perengkapan-kebersihan/1ul0h1-jual-tempat-sampah-roda-240-liter> (21 Desember 2018).
- Bukalapak. 2018e. *Troli Roda Keranjang Krat Industri Plastik Rabbit*. [https://www.bukalapak.com/p/rumah-tangga/tempat-penyimpanan-organizer/oinq10-jual-troli-roda-keranjang-krat-industri-plastik-rabbit?dtm\\_campaign=fvt\\_product&dtm\\_section=detail-2&dtm\\_source=product\\_detail&from=&keyword=&product\\_owner=normal\\_seller](https://www.bukalapak.com/p/rumah-tangga/tempat-penyimpanan-organizer/oinq10-jual-troli-roda-keranjang-krat-industri-plastik-rabbit?dtm_campaign=fvt_product&dtm_section=detail-2&dtm_source=product_detail&from=&keyword=&product_owner=normal_seller) (21 Desember 2018).
- Departemen Tenaga Kerja. 2004. *Keputusan Menteri Tenaga Kerja dan Transmigrasi Republik Indonesia No Kep. 102/MEN/VI/2004 tentang Waktu Kerja Lembur dan Upah Kerja Lembur*. Jakarta : Departemen Tenaga Kerja.
- Fattah, M. dan P. Purwanti. 2017. *Manajemen Industri Perikanan*. Malang: UB Press.
- Heizer J., Render B. 2010. *Operations Management (Flexible Edition): Tenth Edition*. United States. Prentice Hall.
- IESNA. 2000. *The IESNA Lighting Handbook: Reference & Application*. New York: IESNA.

- Isaac, O.G., Chiedu, U.C. 2016. Comparative Evaluation of Nutritional Values of Guinea Fowl, Duck, and Quail Eggs. *Journal of Enviromental Science, Toxicology, and Food Technology*. 1(1): 57-59.
- Kamarijani. 1983. *Perencanaan Unit Pengolahan Limbah*. Yogyakarta: UGM Press.
- Lamberti, M. dan Escher, F. 2007. Aluminium Foil as a Food Packaging Material in Comparison with Another Materials. *Food Reviews International*. 23: 407-433
- Lutony. 1993. *Tanaman Sumber Pemanis*. Jakarta: Penebar Swadaya.
- Maksindo. 2018. *Mesin Pengaduk Bumbu (Hexagonal)* <http://www.maksindo.com/product/mesin-pengaduk-bumbu-hexagonal>. (26 Desember 2018).
- Menteri Energi dan Sumber Daya Mineral. 2016. Peraturan Menteri Energi dan Sumber Daya Mineral tentang Tarif Tenaga Listrik yang Disediakan oleh PT. Perusahaan Listrik Negara (Persero) No. 28. Jakarta: Menteri Energi dan Sumber Daya Mineral. <https://www.pln.co.id/pelanggan/tarif-tenaga-listrik> (8 Januari 2019).
- Menteri Kesehatan. 2010a. *Peraturan Menteri Kesehatan tentang Persyaratan Kualitas Air Minum No. 492*. Jakarta: Menteri Kesehatan. [https://www.mapurna.id/files/SK\\_Permenkes\\_492\\_2010.pdf](https://www.mapurna.id/files/SK_Permenkes_492_2010.pdf) (diakses pada 11 Desember 2018).
- Menteri Kesehatan. 2010b. *Peraturan Menteri Kesehatan Republik Indonesia tentang Organisasi dan Tata Kerja Kementerian Nomor 1144/MENKES/PER/VIII/2010*. Jakarta. Menteri Kesehatan.
- Monotaro.id. 2018. KRISBOW Analog Platform Scale 200kg 1unit. [https://www.monotaro.id/corp\\_id/s000052210.html?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4hxCKZSeepZzjbNa6gEyklOs4\\_zvKAHvstGtFKUOLf9ealx3LMxZDRoCwd4QAvD\\_BwE](https://www.monotaro.id/corp_id/s000052210.html?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4hxCKZSeepZzjbNa6gEyklOs4_zvKAHvstGtFKUOLf9ealx3LMxZDRoCwd4QAvD_BwE) (21 Desember 2018).

Mulyadi. 1999. *Akuntansi Biaya*. Edisi Lima. YKPN, Yogyakarta.

Olx. 2018. *Genset Silent/Open*  
8/9/10/15/20/30/60/75/80/90/120/140/160/180/600 kVA.  
<https://www.olx.co.id/iklan/genset-silent-open-8-9-10-15-20-30-60-75-80-90-120-140-160-180-600-kva-IDy0ugq.html> (21 Desember 2018).

Perry, R. H. dan Chilton C. H. 1971. *Chemical Engineers Handbook 5<sup>th</sup> Edition*. USA : McGraw-Hill.

Peters, M.D. and K. Timmerhaus. 1991. *Plant Design and Economic for Chemical Engineer's 4th Edition*. New York: Mc. Graw Hill, Inc.

Pujawan, I. N. 2004. *Ekonomi Teknik*. Surabaya: Guna Widya.

Romanoff, A. L. and A. J. Romanoff. 1963. *The Avian Eggs*. John Willey and Sons. Inc. New York.

Ruparupa. 2018. *Zwilling Pisau Santoku 14 Cm*.  
[https://www.ruparupa.com/zwilling-pisau-santoku-14-cm.html?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4gvrolhscBp1AFUQ8nOMLVXsXlubbCC\\_cbFtpFM7G-0D71s3CsbLIJxoCPYUQAvD\\_BwE](https://www.ruparupa.com/zwilling-pisau-santoku-14-cm.html?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4gvrolhscBp1AFUQ8nOMLVXsXlubbCC_cbFtpFM7G-0D71s3CsbLIJxoCPYUQAvD_BwE) (21 Desember 2018).

Shopee. 2018. *Keranjang Industri Skyplas Kranjang Industri Krat Industri Skyplas*. [https://shopee.co.id/keranjang-industri-skyplas-kranjang-industri-krat-industri-skyplas-i.1679493.1439523788?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4umT2Neej9YL4eGMrDjNB3zZ9CWPzTxxt07stOqrX1IvtQwXXUU KPRoCAOsQAvD\\_BwE](https://shopee.co.id/keranjang-industri-skyplas-kranjang-industri-krat-industri-skyplas-i.1679493.1439523788?gclid=CjwKCAiAmO3gBRBBEiwA8d0Q4umT2Neej9YL4eGMrDjNB3zZ9CWPzTxxt07stOqrX1IvtQwXXUU KPRoCAOsQAvD_BwE) (21 Desember 2018).

Singh, R. P. and D. R. Heldman. 2014. *Introduction to Food Engineering fifth Edition*. USA: Academic Press.

Tokopedia. 2018. *loyang stainless 60x40 tinggi 5 cm MUTU PAN-465SS*.  
<https://www.tokopedia.com/Horeka-mall/loyang-stainless-60x40-tinggi-5-cm-mutu-pan-465ss> (21 Desember 2018).

Tokopedia. 2018. *Tangki Air Penguin TB 53 520 Liter Garansi Resmi Penguin 10 Tahun*. [https://www.tokopedia.com/belnia/tangki-air-penguin-tb-53-520-liter-garansi-resmi-penguin-10-tahun?c={campaignId}&m={merchant\\_id}&p={product\\_id}&ev\\_efid=CjwKCAiA0uLgBRABEiwAecFnkwFYJxcl4XLtNsyT\\_dvNJofT\\_4gImiNetYg6S17NwbjpoG0ZNmbJtBoCmlsQAvD\\_BwE:G:s&gclid=CjwKCAiA0uLgBRABEiwAecFnkwFYJxcl4XLtNsyT\\_dvNJofT\\_4gImiNetYg6S17NwbjpoG0ZNmbJtBoCmlsQAvD\\_BwE&gclid=aw.ds&ef\\_id=Wo6RugAAALdgdesy:20181218164248:s](https://www.tokopedia.com/belnia/tangki-air-penguin-tb-53-520-liter-garansi-resmi-penguin-10-tahun?c={campaignId}&m={merchant_id}&p={product_id}&ev_efid=CjwKCAiA0uLgBRABEiwAecFnkwFYJxcl4XLtNsyT_dvNJofT_4gImiNetYg6S17NwbjpoG0ZNmbJtBoCmlsQAvD_BwE:G:s&gclid=CjwKCAiA0uLgBRABEiwAecFnkwFYJxcl4XLtNsyT_dvNJofT_4gImiNetYg6S17NwbjpoG0ZNmbJtBoCmlsQAvD_BwE&gclid=aw.ds&ef_id=Wo6RugAAALdgdesy:20181218164248:s) (18 Desember 2018).

Tokopedia. 2018. *Wasser Pb 218 Ea-N Compact Booster Pump (Pompa Booster)* <https://www.tokopedia.com/mitra10/wasser-pb-218-ea-n-compact-booster-pump-pompa-booster> (26 Desember 2018).

Tokopedia. *Solet spatula plastik*. <https://www.tokopedia.com/indahjayagrosir/solet-spatula-plastik> (3 Januari 2019)

Warisno. 2005. *Telur Asin Aneka Rasa*. Jakarta: PT Agromedia Pustaka.

Wulandari Z, Rukmiasih, T Suryati, C Budiman, dan N Ulupi. 2014. *Tehnik pengolahan Telur dan daging Unggas*. Bogor: IPB Press.

Yuwanta, T. 2004. *Dasar ternak Unggas*. Yogyakarta: Kanisius.